



01/27/97

CofC
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. PATENT 5 084 190

CASE NO.: CH-1763

PATENTEE: RICHARD EDWARD FERNANDEZ

ART UNIT: 223

ISSUED: JANUARY 28, 1992

EXAMINER: ANTHONY

ASSIGNED: E.I. DU PONT DE NEMOURS AND
COMPANY

APPROVED

FOR: FIRE EXTINGUISHING COMPOSITION
AND PROCESS

MAR 25 1997

FOR THE COMMISIONER OF PAT & T

DATE: December 20, 1996

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322

Hon. Asst. Commissioner of Patents
Washington, DC 20231

FEB 21 1997

Sir:

Attention is respectfully directed to the following discrepancies between the application on record in the U.S. Patent and Trademark Office and the documentary Letters Patent, above noted, as printed and issued by the Office:

ABSTRACT

Line 9 in the Abstract of the printed patent: "CF₃-CR₂-CH₂Cl" should read "CF₃-CF₂-CH₂Cl"

Lines 9 and 10 in the Abstract of the printed patent: "CF₃-CH₂-CClF₂, CHClF-CR₂-CF₃" should read "CF₃-CH₂-CClF₂, CHClF-CF₂-CF₃"

BACKGROUND OF THE INVENTION AND PRIOR ART

Column 1, line 48 in the printed patent: "bromofluoromethane" should read "bromotrifluoromethane"

Column 2, line 5 in the printed patent: "(CF₃-CF₂C₁)" should read ")CF₃-CF₂Cl)"
(1 (number) changed to 1 (letter))

SUMMARY OF INVENTION

Column 2, lines 61 and 62 in the printed patent: "CF₃-CH₂-CF₃-CH₂CH₂F and CF₂H-CF₂-CF₂H" should read "CF₃-CH₂-CF₃, CF₃-CF₂-CH₂F and CF₂H-CF₂-CF₂H"

Column 2, line 64 in the printed patent: "CHF" should read "CHF₂-CF₂-CF₂Cl",

Column 3, line 14 in the printed patent "1,2-dichloro-1,1,2-trifluoroethan" should read "1,2-dichloro-1,1,2-trifluoroethane"

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CLAIMS

CLAIM 1

The formulas in Column 7 lines 33-37 (claim 1) in the printed patent contain multiple errors.

Column 7, lines 33-37 in the printed patent read: "CH₃-CHF-CF₃, CHF₂-CH₂-CF₃-CH₂-CF₃, CF₃-CF₂-CH₂fCF₂H-CHF₂, CHClF-CF₂-CF₃, CHF₂-CF₂Cl, CF₃-CHCl-CF₃, CF₃-CHF-CF₂Cl, and CHF₂-Cl, and CHF₂-CFCI-CF₃."

Column 7, lines 33-37 in the printed patent should read: "CF₃-CHF-CF₃, CHF₂-CF₂-CF₃, CF₃-CH₂-CF₃, CF₃-CF₂-CH₂F, CF₂H-CHF₂, CHClF-CF₂-CF₃, CHF₂-CF₂-CF₂Cl, CF₃-CHCl-CF₃, CF₃-CHF-CF₂Cl, and CHF₂-CFCI-CF₃"

CLAIM 3

Column 8, lines 7 and 8 in claim 3 of the printed patent: "CF₃-CF₂-CHF₂" should read "CF₃-CF₂-CF₂H"

Column 8, line 9 in claim 3 of the printed patent: "CF₃-CF CF₂H-CHF₂, CF₃-CF₂-CHCl₂" should read "CF₃-CF₂-CH₂F, CF₂H-CHF₂, CF₃-CF₂-CHCl₂"

Column 8, line 11 in claim 3 of the printed patent: "CHF₂-CHClF" should read "CHF₂-CF₂-CHClF"

Column 8, line 13 in claim 3 of the printed patent: "CF₃-CH₂-CClF₂" should read "CF₃-CH₂-CClF₂"

Claim 3 should therefore read: "3. A fire extinguishing composition consisting essentially of at least one fluoro-substituted propane selected from the group of

CF₃-CFH-CF₃, CF₃-CF₂-CHF₂, CF₃-CHF-CF₂H, CF₃-CH₂-CF₃, CF₃-CF₂-CH₂F, CF₂H-CHF₂, CF₃-CF₂-CHCl₂, CHFCl-CF₂-CF₂Cl, CHF₂-CCl₂-CF₃, CF₃-CHCl-CClF₂, CHF₂-CF₂-CHClF, CF₃-CF₂-CH₂Cl, CClF₂-CF₂-CH₂F, CF₃-CH₂-CClF₂, CHClF-CF₂-CF₃, CHF₂-CF₂-CF₂Cl, CF₃-CHCl-CF₃, CF₃-CHF-CF₂Cl, and CHF₂-CFCI-CF₃."

CLAIM 7

Column 8, line 55 in claim 7 of the printed patent: "CF₃-CF₃, CF₃-CF₂-CF₂F" should read "CF₃-CH₂-CF₃, CF₃-CF₂-CH₂F"

Applicant believes that in light of these printing errors by the Office, particularly with respect to the claims, a certificate of correction would be inappropriate in form; and, therefore, in accordance with 37 CFR 1.322(b), the Commissioner is requested to issue a corrected patent in lieu of a certificate as a more appropriate form for correction, without expense to the patentee.

If the Commissioner disagrees with patentee's request for the issuance of a corrected patent, then patentee, hereby respectfully requests that a Certificate of Correction be issued in accordance with the attached Certificate of Correction Form PTO-1050 (two copies attached

hereto). Please charge any fees that may be due to Deposit Account No. 04-1928
(E. I. du Pont de Nemours and Company).

Respectfully submitted,


JAMES E. SHIPLEY
ATTORNEY FOR PATENTEE
REGISTRATION NO. 32,003
TELEPHONE: 302-773-3006

Attachment (Form 1050)

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5 084 190

Page 1 of 2

DATED : 01/28/92

INVENTOR(S) : RICHARD EDWARD FERNANDEZ

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 35 U.S.C. 254 AND 37 C.F.R. 1.322

The following errors in printed US Pat. No. 5,084,190 (priority application US 89-436464) apparently occurred during the printing of the patent as they are not evident in the application as filed or prosecuted. Applicant believes that in light of these errors, particularly with respect to the claims, a Certificate of Correction would be an appropriate form for notifying the public of the true scope and coverage of US Pat. No. 5,084,190.

SUMMARY OF PRINTING ERRORS AND REQUESTED CORRECTIONS IN US PAT. NO.
5,084,190

ABSTRACT

Line 9 in the Abstract of the printed patent: "CF₃-CR₂-CH₂Cl" should read "CF₃-CF₂-CH₂Cl". C ✓

Lines 9 and 10 in the Abstract of the printed patent: "CF₃-CH₂-CClF₂, CHClF-CR₂-CF₃" should read "CF₃-CH₂-CClF₂, CHClF-CF₂-CF₃". C ✓

BACKGROUND OF THE INVENTION AND PRIOR ART

Column 1, line 48 in the printed patent: "bromofluoromethane" should read "bromotrifluoromethane". C ✓

Column 2, line 5 in the printed patent: "CF₃-CF₂Cl" should read "CF₃-CF₂Cl" (1 (number) changed to 1 (letter)). C ✓

SUMMARY OF INVENTION

Column 2, lines 61 and 62 in the printed patent: "CF₃-CH₂-CF₃-CF₃-CH₂CH₂F and CF₂H-CF₂-CF₂H" should read "CF₃-CH₂-CF₃, CF₃-CF₂-CH₂F and CF₂H-CF₂-CF₂H". Atty C ✓

Column 2, line 64 in the printed patent: "CHF" should read "CHF₂-CF₂-CF₂Cl". C ✓

Column 3, line 14 in the printed patent: "1,2-dichloro-1,1,2-trifluoroethan" should read "1,2-dichloro-1,1,2-trifluoroethane". C ✓

MAILING ADDRESS OF SENDER:

JAMES E. SHIPLEY
E. I. du Pont de Nemours & Company
Legal-Patents
Wilmington, Delaware 19898

PATENT NO.

5 084 190

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 5 084 190

DATED : 01/28/92

INVENTOR(S) : RICHARD EDWARD FERNANDEZ

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

CLAIMS

CLAIM 1

The formulas in Column 7 lines 33-37 (claim 1) in the printed patent contain multiple errors.

Column 7, lines 33-37 in the printed patent read: "CH₃-CHF-CF₃, CHF₂-CH₂-CF₃-CH₂-CF₃, CF₃-CF₂-CH₂f CF₂H-CF₂-CHF₂, CHClF-CF₂-CF₃, CHF₂-CF₂Cl, CF₃-CHCl-CF₃, CF₃-CHF-CF₂Cl, and CHF₂-Cl, and CHF₂-CFCI-CF₃."

Column 7, lines 33-37 in the printed patent should read: "CF₃-CHF-CF₃, CHF₂-CF₂-CF₃, CF₃-CH₂-CF₃, CF₃-CF₂-CH₂f CF₂H-CF₂-CHF₂, CHClF-CF₂-CF₃, CHF₂-CF₂-CF₂Cl, CF₃-CHCl-CF₃, CF₃-CHF-CF₂Cl, and CHF₂-CFCI-CF₃" ✓

CLAIM 3

Column 8, lines 7 and 8 in claim 3 of the printed patent: "CF₃-CF₂-CHF₂" should read "CF₃-CF₂-CF₂H" Atty ✓

Column 8, line 9 in claim 3 of the printed patent: "CF₃-CF₂-CH₂H-CF₂-CHF₂, CF₃-CF₂-CHCl₂" should read "CF₃-CF₂-CH₂F, CF₂H-CF₂-CHF₂, CF₃-CF₂-CHCl₂" ✓

Column 8, line 11 in claim 3 of the printed patent: "CHF₂-CHClF" should read "CHF₂-CF₂-CHClF" ✓

Column 8, line 12 in claim 3 of the printed patent: "CF₃-CH₂-CClF₂" should read "CF₃-CH₂-CClF₂" ✓

*Note
Corrected
Claim 3.*
Claim 3 should therefore read: "3. A fire extinguishing composition consisting essentially of at least one fluoro-substituted propane selected from the group of CF₃-CFH-CF₃, CF₃-CF₂-CHF₂, CF₃-CHF-CF₂H, CF₃-CH₂-CF₃, CF₃-CF₂-CH₂F, CF₂H-CF₂-CHF₂, CF₃-CF₂-CHCl₂, CHClF-CF₂-CF₂Cl, CHF₂-CCl₂-CF₃, CF₃-CHCl-CClF₂, CHF₂-CF₂-CHClF, CF₃-CF₂-CH₂Cl, CClF₂-CF₂-CH₂F, CF₃-CH₂-CClF₂, CHClF-CF₂-CF₃, CHF₂-CF₂-CF₂Cl, CF₃-CHCl-CF₃, CF₃-CHF-CF₂Cl, and CHF₂-CFCI-CF₃." ✓

CLAIM 7

Column 8, line 55 in claim 7 of the printed patent: "CF₃-CF₃, CF₃-CF₂-CF₂F" should read "CF₃-CH₂-CF₃, CF₃-CF₂-CH₂F" ✓

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